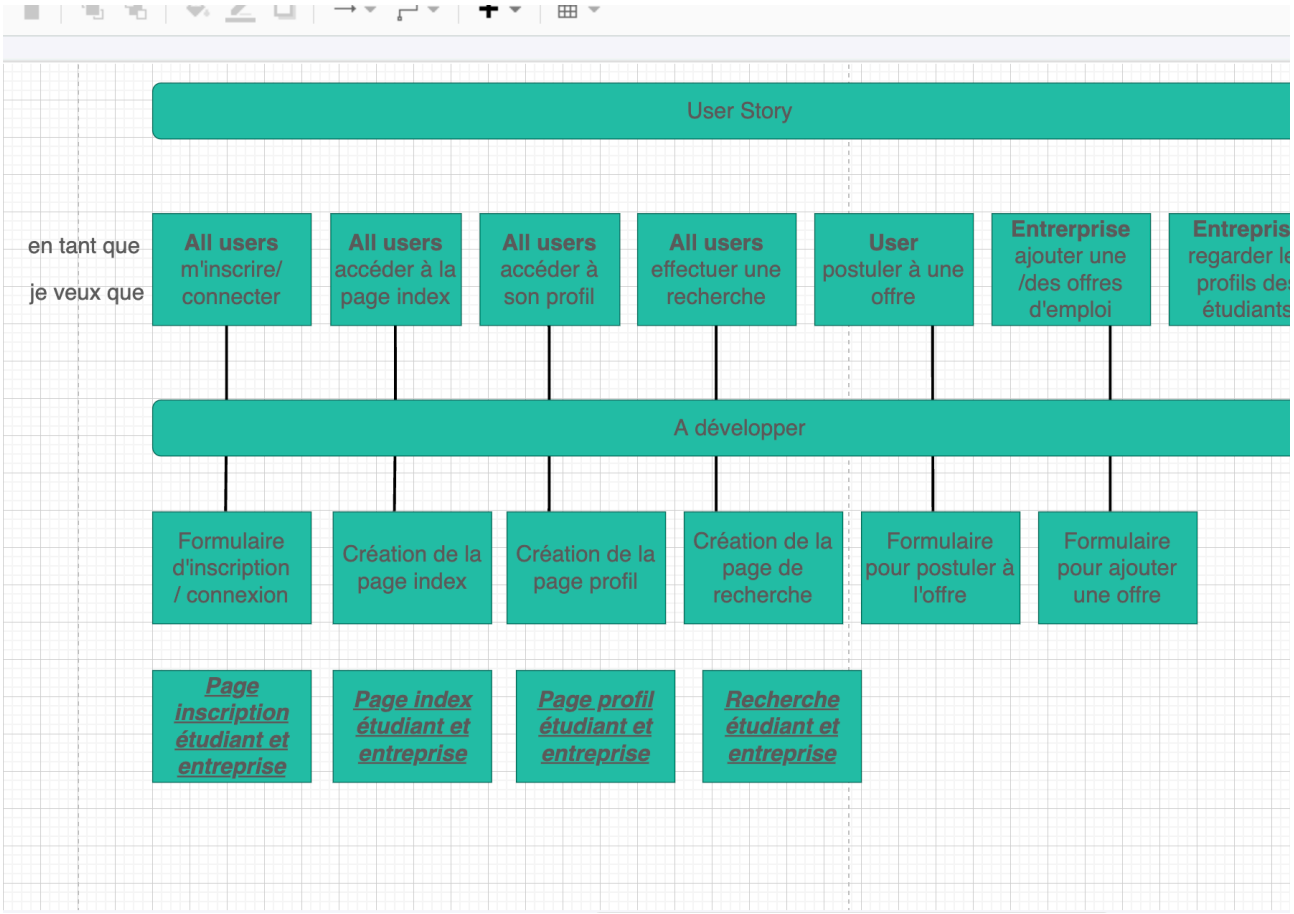
Cahier de Charge

JUNIOR APPLICATION

IDEA

As we know there are various mobile applications that may perform the same function as Junior. As developers it always good to create something that answers the need of the client and the world at large. Junior App came just as what we thought as the little missing piss in job application. Its always heard for a junior developer to find there first job(stage, Alternance, CDD, CDI) in other to gain and improve the skills in web and application development.we this the idea of creation and application that serve the need of junior developer in helping us find out first experience in a company or a project. The aim is to provide job with all the junior developers within 0 to 3years of professional experience

User Story



PROJECT

The aim of Junior is to help reduce the gap and doubt between junior developer that just want to find their first experience to put their skill to test and improve as better developer and Company Recruiters, and Start-ups. Junior is bring you a meeting place for both the companies and the junior developers to have a direct contact. As the junior developer may have access to job opportunity that link to their level of skill and contact the company direct. Company that have posted a job offer can also view a junior develop profile and can contact him/her direct from the application.

Application Junior version 1(demo)

The application will be having 12 screen :

Splash screen
Login screen
Welcome screen
Registration screen junior
Registration screen Company
Create profile screen junior
Create profile screen Company
Dashboard
Profile screen
Details screen
Apply screen

Splash screen : this is the entering screen when you first ty to use the app. It's contains the logo of the application and also a welcoming message to Wellcome you to the application.

Login screen : The application have only one login screen for both users. This screen is authenticated and the conditions set should be meet in other to have access to the app. Its also contain a message if its your first time using this app that will send your to the registra screen depending on how you want to be register either as junior or a company

Welcome screen : this a screen that redirect you as how you want to register on the app

Registration screen : This screen allow you to create an account on the application as a new member. The registration formula is straight and simple:

If register as Company you will be ask to fill :

- **Name of your company**
- **Email**
- **Password**

If register as Junior(Student) you will be ask to fill:

- **Firstname**
- **Lastname**
- **Email**

Create profile screen : This screen will allow you to create a profile as a member on the application. Your profile will be editable. You will be asked to fill :

If register as Junior(student) you will be ask to fill :

- **Profile picture**
- **Phone**
- **Address**
- **Firstname**
- **Lastname**
- **Profession**
- **Diplomer**
- **Experience**
- **Description**

If register as Company you will be ask to fill :

- **Profile picture**
- **Address**
- **Name**
- **Description**

Dashboard : This screen will be the feed screen and the center screen of junior application a member will only access this screen when authenticated. When authenticate you will be able to access all the functionality the application provide .

If logged in as Junior:

You will have all access to all the offers on the app and you can contact them directly or apply for the job in one click.

If logged in as Company:

You will have all access to all the profiles of the developers on the application and you can contact them directly to have more information.

Profile screen : This screen will be display all you information and it will private only to you it can be modify at ant time.

Details screen : This screen will display the detail of the dashboard screen which allow users to know more information about the offer or profile.

Apply screen : This screen is where Juniors may apply for jobs

CONCEPTION JUNIOR APPLICATION

Tools required for developing junior application :

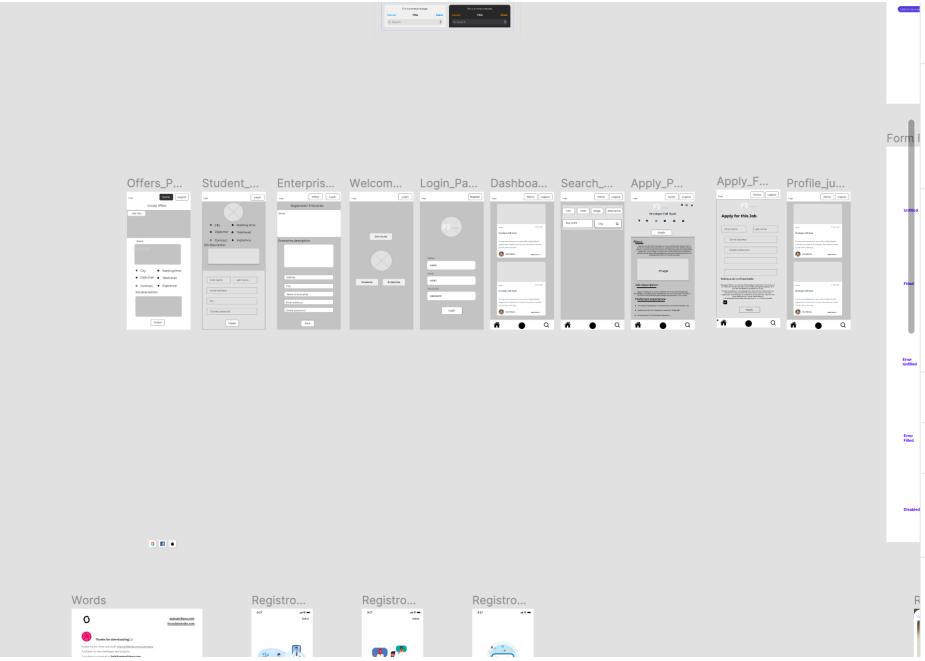
Drawio
Figma
Trello
Recat-native
Stack-navigation
Symfony

Api-Plateform
Expo cli

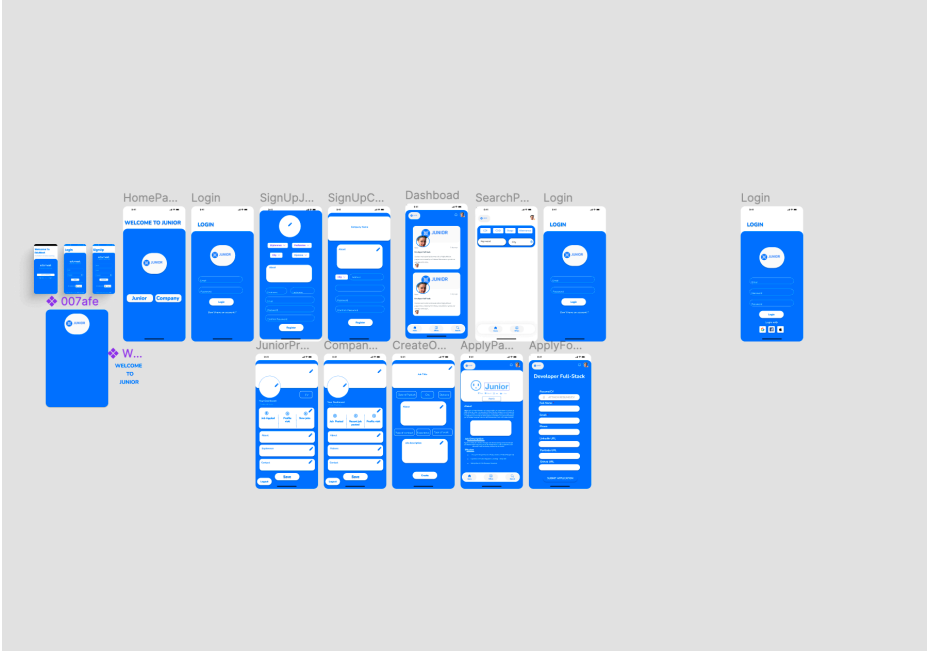
Market(Figma) : The market is being developed in three face

Wireframe
UX design
Protypeing

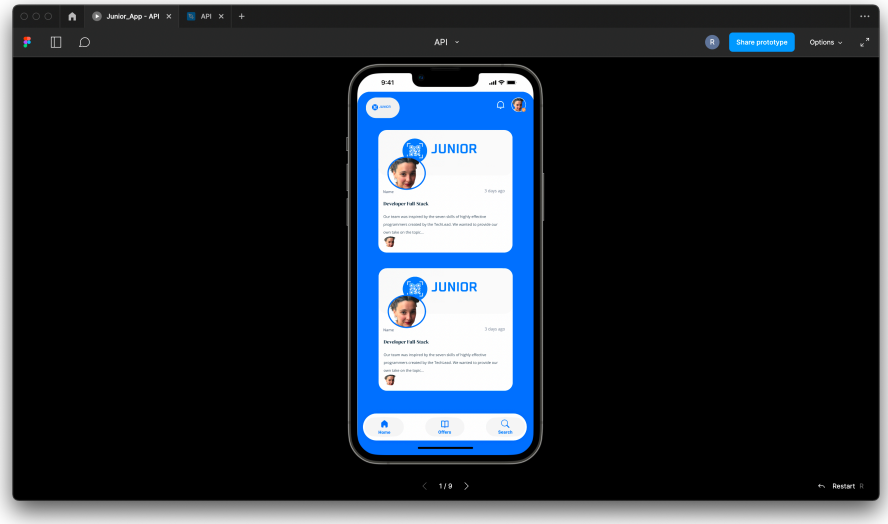
Wireframe the junior Application



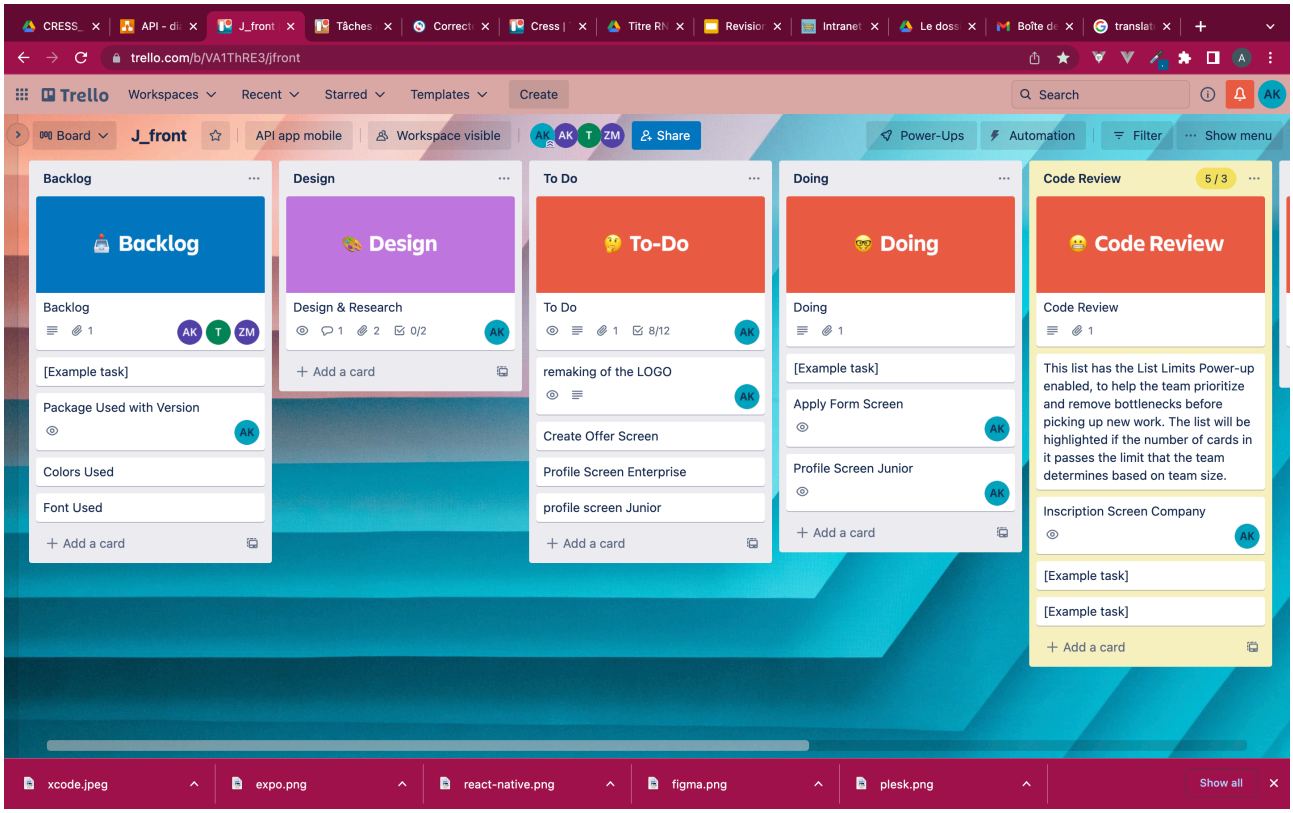
UX design junior Application



Prototype the junior application



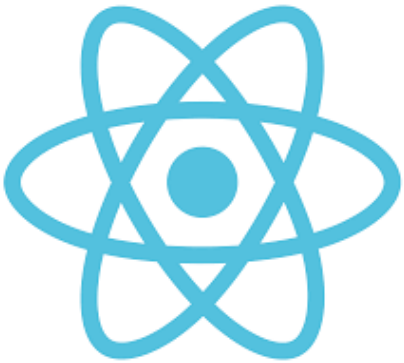
Trello : J' ai utilisé des outils comme trello afin de lister les tâches à effectuées.



React-native :

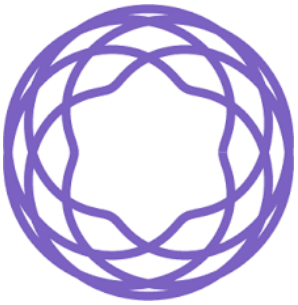
React Native is an open source mobile application framework created by Facebook. It is used to develop applications for Android, iOS and UWP by allowing developers to use React with the native features of these platforms React Native combines the best parts of native development with React, a best-in-class JavaScript library for building user interfaces

React Native lets you create truly native apps and doesn't compromise your users' experiences. It provides a core set of platform agnostic native components like View, Text, and Image that map directly to the platform's native UI building blocks.



Stack-navigation :

Stack Navigator provides a way for your app to transition between screens where each new screen is placed on top of a stack.
By default the stack navigator is configured to have the familiar iOS and Android look & feel: new screens slide in from the right on iOS, use OS default animation on Android. But the animations can be customized to match your needs
One thing to keep in mind is that while @react-navigation/stack is extremely customizable, it's implemented in JavaScript. While it runs animations and gestures using natively, the performance may not be as fast as a native implementation. This may not be an issue for a lot of apps, but if you're experiencing performance issues during navigation, consider using @react-navigation/native-stack instead - which uses native navigation primitives.



Expo cli :

Expo CLI is a command line app that is the main interface between a developer and Expo tools. You'll use it for a variety of tasks, such as:

- Creating new projects
- Developing your app: running the project server, viewing logs, opening your app in a simulator
- Publishing your app JavaScript and other assets and managing releasing them as updates
- Building binaries (`aab` and `ipa` files) to be uploaded to the App Store and Play Store
- Managing Apple Credentials and Google Keystores

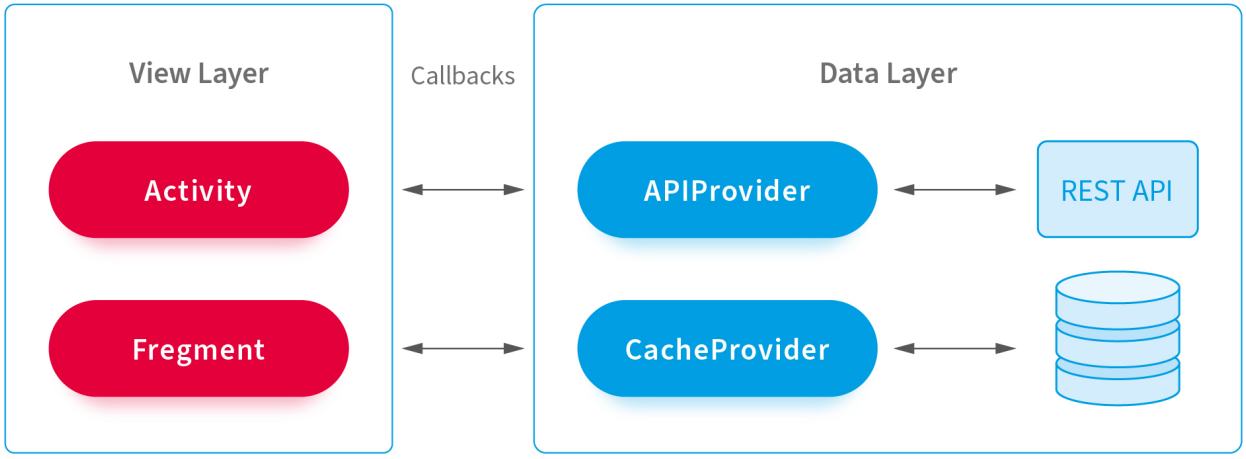
You may use the CLI in your terminal or use the web based interface (it opens automatically by default, or you can press d from the CLI to open it on demand). The web interface enables you to use some of the most often used features from a quick-to-use graphical interface. We've only scratched the surface of what expo-cli can do so far. Be sure to check out all the possible commands below!

Api-Plateform

API Platform is a web framework used to generate REST and GraphQL APIs, based on the MVC design pattern. The server part of the framework is written in PHP and based on the Symfony framework, while the client part is written in JavaScript and TypeScript

CONCEPTION DE L'API JUNIOR

Junior will have a two-way authentication. It will have two users accessing the same dashboard and should be redirected by the id. The l'api-junior is created with symfony api-platefom using a relational database MYSQL.



Database design

We **used draw io to design our architecture for the database so we can obsess the relation between the tables.**

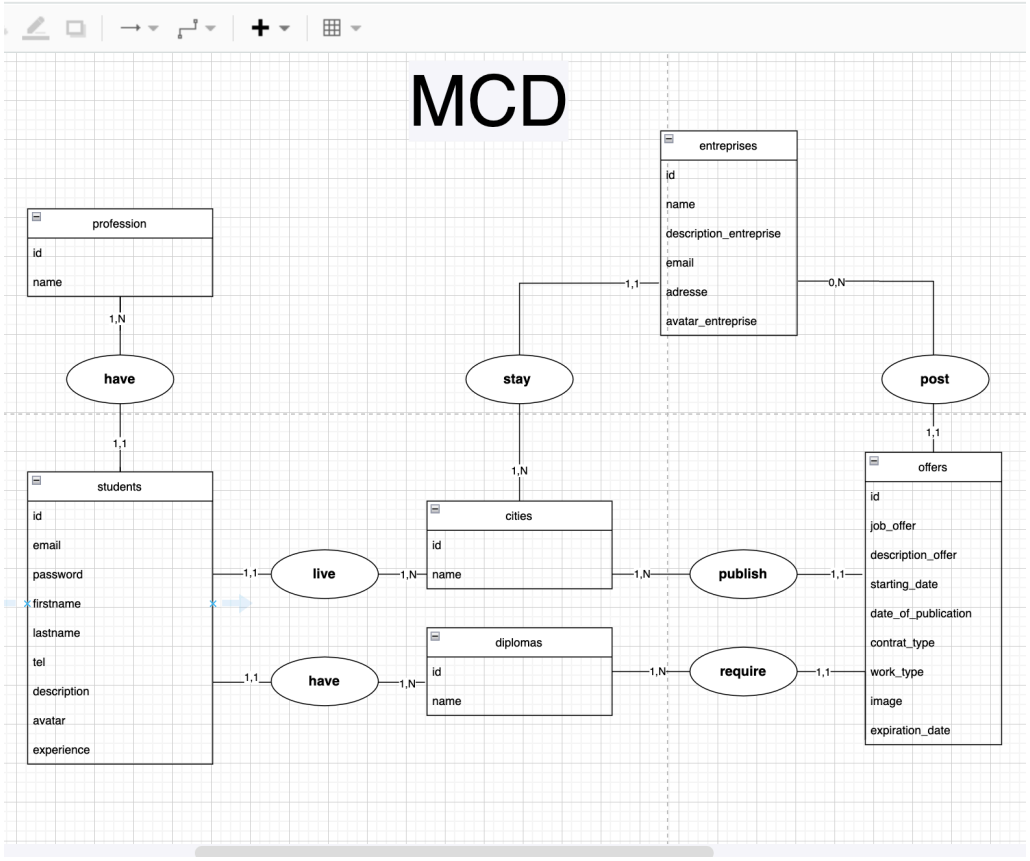
Objective

We identified the information of the system to be computerized and produced the data dictionaries.
From this we will model the information system, there are three levels of modeling:

- The conceptual level is the CDM (Conceptual Data Model)
- The logical level, this is the LDM (Logical Data Model)
- The physical level, this is the PDM (Physical Data Model)

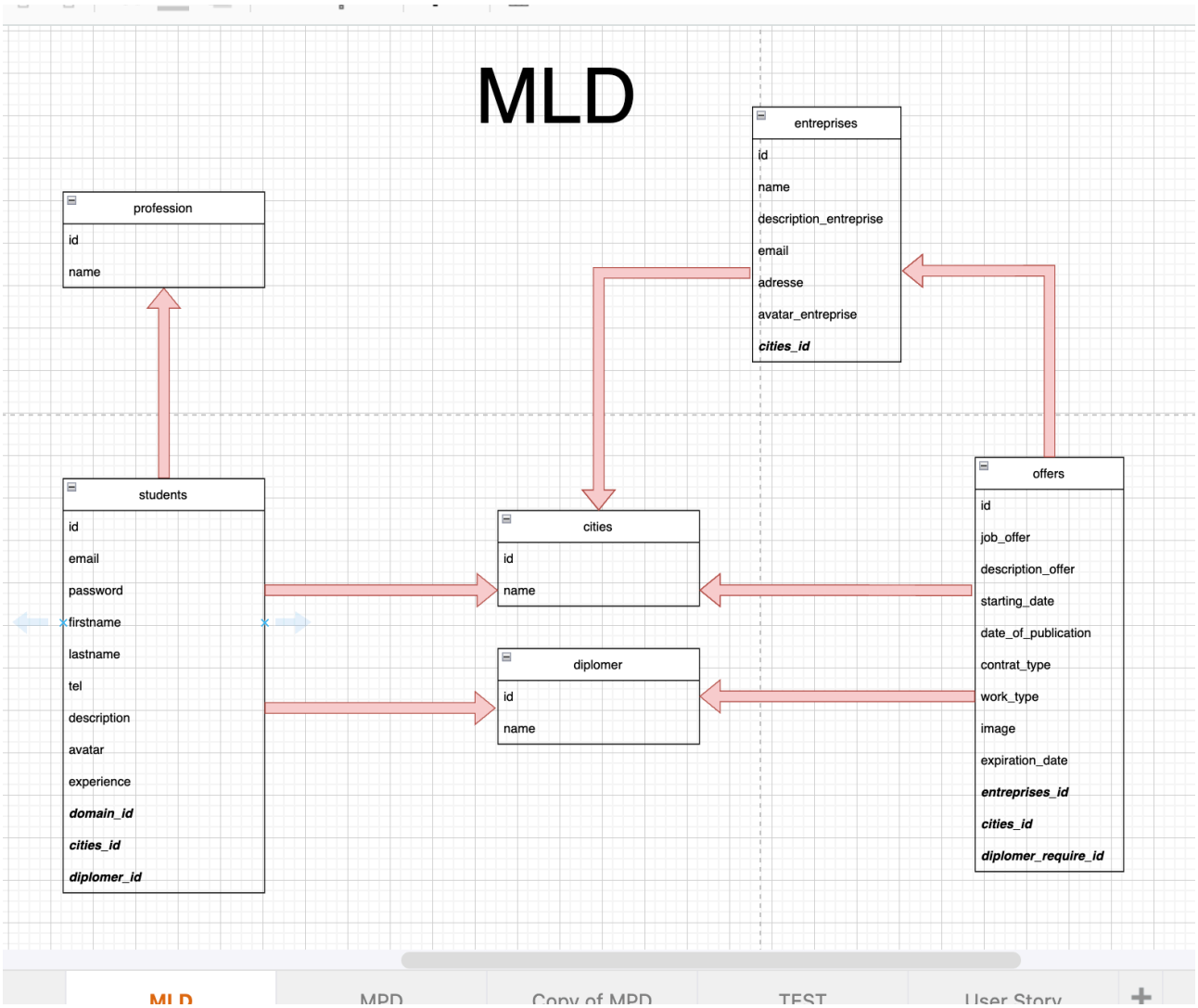
The conceptual level(MCD)

The MCD is a model that takes into account the management rules assigned to the information system, but not the technological constraints of creating a database



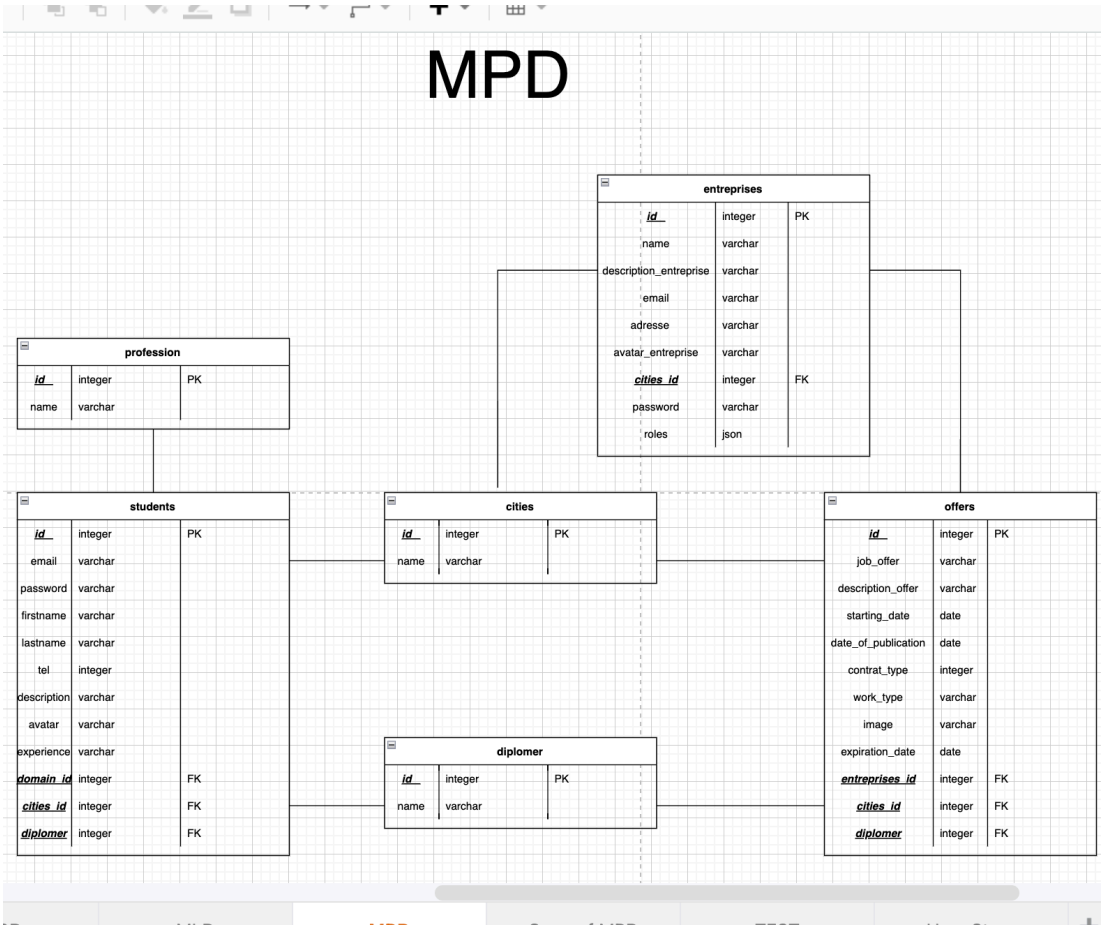
The logical level(MLD)

A logical data model (LDM) is the data representation of an information system. The data is represented taking into account the technological model that will be used for their management.



The physical level

MPD (physical model) directly implemented on the target machine.
It is therefore for the MLD to determine the general structure of the information to be stored in the computer system.



graphical charter

Primary color : blue #0070FF

Secondary Color : White #FFFFFF